

**San Juan 28-7 Unit # 157
Mesaverde Recompletion & DHC
API # 30-039-20429**

1. **Hold tailgate safety meetings prior to rigging up, each morning, and whenever necessary.**
2. Test Anchors, MIRU Workover Unit. If necessary, kill well with a minimum of 1 % KCl. NU BOP. POOH w/ 2 3/8" production string.
3. RU wireline unit & set 4 1/2" Fast-Drill plug over the Dakota +/- 5700'
4. RU Logging tools. Run GR/CBL from 5700' to 4700' to determine cement integrity. **Note: Cmt squeeze if TOC is below 4800'. Contact BLM for approval prior to initiating squeeze work**

1st Stage

5. Perforate the Point Lookout/Menefee across the following intervals using a 3 1/8" Select Fire gun w/ 11 gm charges. Run GR strip & correlate to attached log:

5247', 50', 53', 56', 62', 64',
5403', 07', 11', 15', 19', 23', 29', 33', 37', 41', 61', 63', 65', 97', 99',
5517', 20', 23', 26', 29', 44', 46', & 48'

Total: 29 shots
6. RIH w/ Frac string and treating packer. Set Packer @ +/- 5200'. RU Acidizing equipment. Test lines to 4000 psi Break down perms using 500 gallons 15% HCl and 50 1.1 sg balls spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure. **DO NOT EXCEED 4000 psi.**
7. Surge Balls off perforations and allow time for them to fall. Release packer and TIH to swipe off any remaining balls. PUH and reset packer @ +/-5200'. Prep to frac.
8. Frac per attached procedure. Leave frac equipment on location. Release packer and POOH w/ Frac string. RU Wireline and set w/ Fast-drill plug above Point lookout/Menefee @ +/- 5000'.

2nd Stage

9. Perforate the Cliffhouse across the following intervals using a 3 1/8" Select Fire gun w/ 11 gm charges. Run GR strip and correlate to attached log

4838', 40', 42', 44', 46', 48', 50', 52', 54', 56', 79', 81', 83', 85', 87', 89', 91', 93', 95',
4911', 13', 15', 19', 21', 25', 27', 29', & 31'

Total: 28 shots